

Date Searched: 2/7/2006

Databases Searched: USPAT, USPGPUB

Plurals: ON

Terms Searched:

L1 ((timing or delay) near3 budget) near5 (minimum or maximum)

L2 slack

L3 1 and 2

Results: 2 hits

L4 1 and 716/16,18.ccls.

Results: 2 hits

L5 (pld or cpld or fpga or (programmable adj3 (device or array)))

L6 (timing or delay or skew or slack or time) near5 constraint

L7 logic near5 optim\$8

L8 716/16,18.ccls. and 5 and 6 and 7

Results: 79 hits

US 5541849 A

USPAT Rostoker; Michael D. et al. 716/18

US 20030149954 A1

US-PGPUB McElvain, Kenneth S. et al. 716/18

US 6324678 B1

USPAT Dangelo; Carlos et al. 716/18

Date Searched: 2/3/2006

Databases Searched: USPAT, USPGPUB

Plurals: ON

Terms Searched:

L1 (short\$3 or "near" or nearby or neighbor\$4 or adjacent or adjoin\$3 or close) near5 (path or wire or wiring or distance or route or routing or interconnect\$4 or connect\$4)

L2 (delay or time or timing or skew or slack) near5 (minim\$8 or shortest or smallest or least)

L3 716/1-18.ccls.

L4 1 and 2 and 3

Results: 943 hits

L5 (long\$3 or far) near5 (path or wire or wiring or distance or route or routing or interconnect\$4 or connect\$4)

L6 (delay or time or timing or skew or slack) near5 (maxim\$8 or most or longest or biggest)

L7 4 and 5 and 6

Results: 300 hits

L8 (weigh\$5 or cost or fitness or metric) near5 (path or wire or wiring or distance or route or routing or interconnect\$4 or connect\$4)

L9 7 and 8

Results: 100 hits

L10 (relax\$6 or over or loose\$2) near10 (delay or time or timing or skew or slack)

L11 9 and 10

Results: 55 hits

L12 (short or local\$2) near5 (path or wire or wiring or distance or route or routing or interconnect\$4 or connect\$4 or net)

L13 (long or global\$2) near5 (path or wire or wiring or distance or route or routing or interconnect\$4 or connect\$4 or net)

L14 (delay or time or timing or skew or slack) near5 (minim\$8 or shortest or smallest or least)

L15 (delay or time or timing or skew or slack) near5 (maxim\$8 or most or longest or biggest)

L16 (weigh\$5 or cost or fitness or metric) near5 (path or wire or wiring or distance or route or routing or interconnect\$4 or connect\$4 or net)

L17 (slack near3 (positive or negative))

L18 12 and 13 and 14 and 15 and 16 and 17

Results: 63 hits

L19 3 and 18

Results: 55 hits

L20 (minimum or least or best or smallest) same ((timing or delay or slack or skew)) same ((short or shorter or local\$2) near5 (path or wire or wiring or distance or route or routing or interconnect\$4 or connect\$4))

L21 (maximum or most or largest or biggest or worst) same ((timing or delay or slack or skew)) same ((long or longer or global\$2) near5 (path or wire or wiring or distance or route or routing or interconnect\$4 or connect\$4))

L22 1 and 2

Results: 142 hits

L23 716/1-18.ccls. and 22

Results: 34 hits

L24 20 and 716/1-18.ccls.

Results: 80 hits

L25 716/1-18.ccls. and 21

Results: 195 hits

US 5659484 A USPAT Bennett; David Wayne et al. 716/16

US 5521837 A USPAT Frankle; Jon A. et al. 716/10

US 5237514 A USPAT Curtin; James J. 716/10

US 6763506 B1 USPAT Betz; Vaughn Timothy et al. 716/6

US 20050251775 A1 US-PGPUB Wood, John 716/10

US 20050138578 A1 US-PGPUB Alpert, Charles Jay et al. 716/2

US 20050132318 A1 US-PGPUB Kidd, David A. et al. 716/12

US 20050039156 A1 US-PGPUB Catthoor, Francky et al. 716/18

US 20040243964 A1 US-PGPUB McElvain, Kenneth S. et al. 716/12

US 20030005398 A1 US-PGPUB Cho, Jun-Dong et al. 716/8

US 6826733 B2 USPAT Hathaway; David J. et al. 716/2

US 6708139 B2 USPAT Rearick; Jeff et al. 702/185

US 6480991 B1 USPAT Cho; Jun-Dong et al. 716/8

US 6286128 B1 USPAT Pileggi; Lawrence et al. 716/18

US 5475607 A USPAT Apte; Jitendra et al. 716/10

US 20050120319 A1 US-PGPUB van Ginneken, Lukas P.P.P. 716/6

US 20030115566 A1 US-PGPUB Teig, Steven 716/14

US 20020133799 A1 US-PGPUB Alpert, Charles Jay et al. 716/13

US 20020116685 A1 US-PGPUB van Ginneken, Lukas P.P.P. 716/1

US 20010010090 A1 US-PGPUB Boyle, Douglas B. et al. 716/2

US 6591411 B2 USPAT Alpert; Charles Jay et al. 716/13

US 6557145 B2 USPAT Boyle; Douglas B. et al. 716/2

US 6453446 B1 USPAT van Ginneken; Lukas P. P. P. 716/3

US 6006024 A USPAT Guruswamy; Mohankumar et al. 716/12

US 5987086 A USPAT Raman; Srilata et al. 716/1

US 20050050497 A1 US-PGPUB Tetelbaum, Alexander 716/6

US 20050034091 A1 US-PGPUB Harn, Ywh-Pyng 716/6

US 20040123261 A1 US-PGPUB Alpert, Charles Jay et al. 716/13

US 6836753 B1 USPAT Silve; Francois 703/2

US 6408427 B1 USPAT Cong; Jingsheng et al. 716/13

US 6904585 B2 USPAT Brittain; Mark A. et al. 716/13

Databases Searched: EPO, JPO, IBM TDB, Derwent

Plurals: ON

Terms Searched:

L1 (short or local\$2) near5 (path or wire or wiring or distance or route or routing or interconnect\$4 or connect\$4 or net)

L2 (long or global\$2) near5 (path or wire or wiring or distance or route or routing or interconnect\$4 or connect\$4 or net)

L3 (delay or time or timing or skew or slack) near5 (minim\$8 or shortest or smallest or least)
L4 (delay or time or timing or skew or slack) near5 (maxim\$8 or most or longest or biggest)
L5 (weigh\$5 or cost or fitness or metric) near5 (path or wire or wiring or distance or route or routing or interconnect\$4 or connect\$4 or net)
L6 (slack near3 (positive or negative))
L7 1 and 2 and 3 and 4 and 5 and 6
Results: 1 hit

NN9107410 IBM_TDB

Database Searched: IEE/IEEE Xplore

Terms Searched: ((short or local*) <near/5> (path or wire or wiring or distance or route or routing or interconnect* or connect* or net)) and ((long or global*) <near/5> (path or wire or wiring or distance or route or routing or interconnect* or connect* or net)) and((delay or time or timing or skew or slack) <near/5> (minim* or shortest or smallest or least)) and ((delay or time or timing or skew or slack) <near/5> (maxim\$8 or most or longest or biggest)) and ((weigh\$5 or cost or fitness or metric) <near/5> (path or wire or wiring or distance or route or routing or interconnect* or connect* or net)) and(slack <near/3> (positive or negative))

Results: Your search matched 0 documents

Terms Searched: ((short or local*) <near/5> (path or wire or wiring or distance or route or routing or interconnect* or connect* or net)) and ((long or global*) <near/5> (path or wire or wiring or distance or route or routing or interconnect* or connect* or net)) and(weigh\$5 or cost or fitness or metric)and (slack <near/3> (positive or negative))

Results: Your search matched 0 documents

Terms Searched: ((short or local*) <near/5> (path or wire or wiring or distance or route or routing or interconnect* or connect* or net)) and ((long or global*) <near/5> (path or wire or wiring or distance or route or routing or interconnect* or connect* or net)) and((delay or time or timing or skew or slack) <near/5> (minim* or shortest or smallest or least)) and ((delay or time or timing or skew or slack) <near/5> (maxim\$8 or most or longest or biggest)) and ((weigh\$5 or cost or fitness or metric) <near/5> (path or wire or wiring or distance or route or routing or interconnect* or connect* or net))

Results: Your search matched 1 of 1310010 documents